

11/2/04
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, Attention: Licensing and Review, on the date set forth below

Karen Malatesta
Depositor's Signature - Karen Malatesta
July 13, 2004
Date

AMH (305)
7/16/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Date: July 13, 2004

Frank J. Cunha et al.

Docket No.: EH-11037A

Serial No.: 10/802,260

Attn: Security Group
Licensing and Review

Filed: March 16, 2004

Title: Microcircuit Cooling for a Turbine Airfoil

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

RECEIVED
JUL 15 2004
LICENSING & REVIEW

LETTER RE NASA DECLARATION

In response to the communication received from the Security Group Licensing and Review dated June 24, 2004, we provide herewith a declaration setting forth the facts concerning the making of the invention.

Respectfully submitted,

By

Linda Cunha

Linda Cunha

Registration No. 45,767

Enclosure

Pratt & Whitney
Intellectual Property Department
Mail Stop 132-13
400 Main Street
East Hartford, CT 06108
Tel: 860-557-3163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Frank J. Cunha et al.

Serial No.: 10/802,260

Filed: March 16, 2004

Title: Microcircuit Cooling for a Turbine Airfoil

Security Group
Licensing and Review

Docket No. EH-11037A

Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450
Attn: Licensing and Review

Sir:

RECEIVED
JUL 15 2004
LICENSING & REVIEW

DECLARATION

OK

We, FRANK CUNHA, residing in Avon, CT; KEITH SANTELER, residing in Middletown, CT; SCOTT GAYMAN, residing in Manchester, CT; and ERIC COUCH, residing in Manchester, CT, and are all citizens of the United States of America declare:

That we made and conceived the invention described and claimed in patent application Serial Number 10/802,260, filed in the United States of America on March 16, 2004, entitled MICROCIRCUIT COOLING FOR A TURBINE AIRFOIL;

That we made and conceived this invention while employed by Pratt & Whitney;

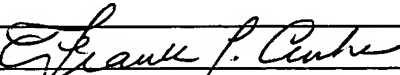
That the invention is related to the work we are employed to perform and was made within the scope of our employment duties;

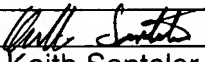
That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Pratt & Whitney;

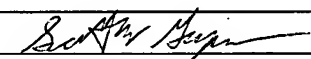
That to the best of our knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under, nor is there any relationship of

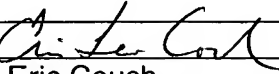
the invention to the performance of any work under, any contract of the National Aeronautics and Space Administration;

The undersigned inventors declare further that all statements made herein of their knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature:		✓
Inventor's Name:	Frank Cunha	
Post Office Address:	5 Bruce Lane, Avon, CT 06001	
Date:	7/8/04	✓

Inventor's Signature:		✓
Inventor's Name:	Keith Santeler	
Post Office Address:	84 Clarence Court, Middletown, CT 06457	
Date:	7/9/04	✓

Inventor's Signature:		✓
Inventor's Name:	Scott Gayman	
Post Office Address:	33 Elro Street, Manchester, CT 06040	
Date:	7/9/04	✓

Inventor's Signature:		✓
Inventor's Name:	Eric Couch	
Post Office Address:	117 Sycamore Lane, Apt. D, Manchester, CT 06040	
Date:	7/9/04	✓

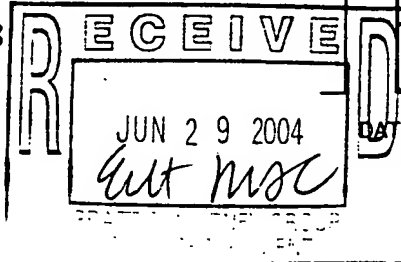


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/802,260	03/16/04	CUNHA, ET AL.	EH-11037A

PRATT & WHITNEY
400 MAIN STREET
MAIL STOP: 132-13
EAST HARTFORD, CT 06108



EXAMINER	
ART UNIT	PAPER NUMBER
PATENT & TRADEMARK OFFICE	

DATE MAILED: MAILED

JUN 24 2004

LICENSING & REVIEW

**IF NO RESPONSE TO THIS NOTICE IS RECEIVED WITHIN FORTY-FIVE DAYS, A
FORMAL REQUIREMENT WILL BE ISSUED**

The subject matter of this application appears to:

- ☐ be "useful in the production or utilization of special nuclear material or atomic energy" as recited in 42 U.S.C. 2182 (Department of Energy (DOE)).
- ☒ "have significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. 2457 (National Aeronautics and Space Administration (NASA)).

Accordingly, no patent can issue on this application unless applicant(s) file a statement (under oath or in the form of a declaration as provided by 37 CFR 1.68) setting forth (1) the full facts concerning the circumstances under which the invention was made and conceived and (2) the relationship (if any) of the invention to the performance of any work under any contract or other arrangement with the Agency(ies) noted above. On the reverse side of this form is an example of an acceptable format for this statement. The language appearing in paragraphs III and/or IV of the example *must* appear if applicant is attempting to establish that no relationship (under item 2 above) exists.

If the invention disclosed in this application was developed under a contract, grant or cooperative agreement between the Agency indicated above and a person, small business or non-profit organization and rights to the invention have been determined by specific reference to 35 U.S.C. 202 in the contract, grant or cooperative agreement, then applicant need not submit the statement described above. Instead, applicant may file a verified statement (under oath or in the form of a declaration, 37 CFR 1.68) setting forth the information required by 35 U.S.C. 202(c)(6).

IF NO STATEMENT HAS BEEN RECEIVED WITHIN FORTY-FIVE DAYS OF THE MAIL DATE INDICATED ABOVE, a formal requirement for statement will then be issued. No provision is made for extension of the statutory thirty-day period for response to the formal requirement and the penalty for failure to file an acceptable and timely statement is abandonment of the application. Therefore, applicants are strongly encouraged to submit a statement at this time in order to avoid the issuance of a formal requirement.

IT IS IMPORTANT TO NOTE that the statement must accurately represent the property rights situation of the claimed invention if and when the application is found allowable. Thus, if during prosecution before the examiner, the claimed invention is so altered or the property rights situation so changed as to impact the accuracy of a statement submitted earlier, a supplemental statement must be filed. Failure to submit such additional information where appropriate may be considered a false representation of material facts and render the patent owner vulnerable to loss of patent rights and other sanctions as set forth in the statutes. The PTO will not review allowed applications for this possibility. The responsibility for complying with the statutes rests with the applicants.

Any questions regarding this requirement should be directed to Licensing and Review at (703) 306-4191.

703-306-0241

**PLEASE DIRECT ALL COMMUNICATIONS RELATING TO THIS MATTER TO THE
ATTENTION OF LICENSING AND REVIEW**

Pratt & Whitney

United Technologies Company

Ms. Cunha

US 13,213

101 Main Street
Hartford, Connecticut 06108

FIRST CLASS MAIL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Security Group
Licensing and Review

RECEIVED

JUL 15 2004

USPTO MAIL CENTER